

Amendments to the Specification:

Please replace the paragraph beginning at page 1, line 9 with the following rewritten paragraph:

--In machining with a machine tool, much cutting fluid is fed to a workpiece or a machining point to cool or lubricate a tool or to remove cutting chips. In this case, there are many problems, such as environmental pollution, ill effects to human health, high cost caused by waste oil disposal of the cutting fluid, deterioration of the life span of the tool due to supercooling the workpiece, and sliding wear of the tool due to excessive cutting fluid in minute cutting. Besides, since much cutting fluid adheres to the cutting chips in machining, the adhered cutting fluid must be separated in the [[f]] disposal or recycling of the cutting chips.--